

# Outstanding Investigator Award (R35) Update

Goal of OIA: Provide long-term support to experienced investigators with outstanding records of cancer research accomplishments

Applications Received (FY17):	129
Applications proposed for funding:	18 (14%)
Total budget:	\$18.1M
Number of Awards from 1st class:	62
Number of Awards from 2nd class:	27
Total Awards in years 1,2+3	107

# Research Specialist Award (R50) Update

Goal of RSA: Support the development of stable career opportunities for exceptional researchers who want to pursue research but not be independent investigators

Applications Received:	79
Core based:	33
Lab based:	46
Total budget:	\$3.0M
Number of Awards from 1st class:	
Core based:	17
Lab based:	17
Number of Awards from 2nd class (proposed):	
Core based:	8
Lab based:	8
Total:	50

**Cancer Moonshot Update**  
**Status of FY17 Initiatives**

**RFAs (10):**

PDX Development and Trial Centers (4)

PDX Data Commons Center (1)

Cancer Immune Monitoring and Analysis Centers (4)

Cancer Immunologic Data Commons (1)

Canine Immunotherapy Trials (5)

Coordinating Center for Canine Immunotherapy (1)

Consortium for Pancreatic Ductal Adenocarcinoma Translational Studies (5)

PDAC Resource Center (1)

Drug Resistance and Sensitivity (5)

New Enabling Technologies (7)

Cancer Moonshot Update  
Status of FY17 Initiatives (Cont.)

Partnerships, Contracts, Supplements (10):

Partnership for Accelerating Cancer Therapies

Gene Fusions in Pediatric Sarcomas

Generation Of Human Tumor Atlases Pilot Program

Costa Rica HPV Vaccine Trial

Smoking Cessation Program

Tobacco Control in Cancer Patients

Retrospective Tumor Characterization Analysis

Human Cancer Models Initiative

APPOLLO

DOE-NCI Collaborations: Predictive modeling

## Status of FY18 Moonshot RFAs

Moonshot Implementation Team	RFA	RFA Published
Network for Patient Engagement	Planning for FY19	
Pediatric Immunotherapy Network	1) Pediatric Immunotherapy Discovery and Development Network (PI-DDN): Specialized Centers (U54)  2) Pediatric Immunotherapy Discovery and Development Network (PI-DDN)(U01)	
Adult Immunotherapy Network	1) Immuno-Oncology Translation Network (IOTN): Cancer Immunotherapy Research Projects (U01)  2) Immuno-Oncology Translation Network (IOTN): Cancer Immunoprevention Research Projects (U01)  3) Immuno-Oncology Translation Network (IOTN): Data Management and Resource-Sharing Center (DMRC) (U24)  4) Immuno-Oncology Translation Network (IOTN): Cellular Immunotherapy Data Resource (CIDR) (U24)	
Target ID to Overcome Drug Resistance	1) Mechanisms of Cancer Drug Resistance and Sensitivity Coordinating Center (U24)	
National Cancer Data Ecosystem	Contract	
Fusion Oncoproteins	1) Fusion Oncoproteins in Childhood Cancers (FusOnC2) Consortium (U54)	RFA-CA-17-049

## Status of FY18 Moonshot RFAs (Cont.)

Moonshot Implementation Team	RFA	RFA Published
Symptom Management	1) Analyzing and Interpreting Clinician and Patient Adverse Event Data to Better Understand Tolerability (U01)	
High Risk Cancers	1) Approaches to Identify and Care for Individuals with Inherited Cancer Syndromes (U01)	RFA-CA-17-041
Prevention and Screening	1) Accelerating Colorectal Cancer Screening and follow-up through Implementation Science (ACCSIS)(UG3/UH3) 2) Accelerating Colorectal Cancer Screening and follow-up through Implementation Science (ACCSIS) (U24)	
Retrospective Analysis of Biospecimens	Contract	
Generation of Human Tumor Atlases	1) Human Tumor Atlas Research Centers (U2C) 2) Pre-Cancer Atlas (PCA) Research Centers (U2C) 3) Human Tumor Atlas Network Data Coordinating Center (U24)	
Development of New Technologies	1) Integration and Validation of Emerging Technologies to Accelerate Cancer Research (R33)	RFA-CA-17-023